

## REMARKS

Claims 1-21 were pending in the application and presently stand rejected. Claims 1, 8 and 15 have been amended to more clearly describe Applicant's invention. No new matter has been added. Reconsideration of the rejection of claims 1-21, and allowance of the same, are respectfully requested.

### Objections to the Specification and Drawings

The Examiner has objected to various typographical errors and omissions within the specification and drawings. The Applicant has amended the specification to correct the typographical errors and omissions and respectfully requests the Examiner to withdraw the objections. In particular, note that the label "Insert" in FIG. 3 is mentioned in the specification in paragraph [0029] with the words "insert terminal." Also, reference numeral 630 refers to a control signal for controlling the buffer; reference numeral 620 refers to a control signal for controlling the selection switch; and reference numeral 610 refers to control signals being output from the control unit 600. See paragraph [0031].

### Claim Rejections – 35 U.S.C. § 102(b)

1. The Examiner has rejected claims 1, 4-5, 8, 11-12, 15, and 18-19 under 35 U.S.C. § 102(b) as anticipated by U.S. Patent No. 6,163,828 to *Landi et al.* Applicant traverses this rejection.

As to the rejection of **claims 1, 8 and 15**:

Claims 1, 8 and 15 have been amended to include limitations that more particularly describe Applicant's claimed invention. In particular, *Landi* does not disclose a buffer coupled to an insert terminal of the memory and of each DSP, and neither does *Landi* disclose the buffer being adapted to receive memory information comprising an insert signal from the memory and output the insert signal to the insert terminal of each DSP. For at least these reasons, claims 1, 8 and 15 are patentably distinct from *Landi* and are allowable.

Claims 4-5 depend from independent claim 1; claims 11-12 depend from independent claim 8; and claims 18-19 depend from independent claim 15. Because independent claims 1, 8 and 15 are currently in a position for allowance, claims 4-5, 11-12 and 18-19 are also allowable as being dependent from an allowable base claim.

### **Claim Rejections – 35 U.S.C. § 103(a)**

1. The Examiner has rejected claims 2-3, 9-10 and 16-17 under 35 U.S.C. § 103(a) as unpatentable over U.S. Patent No. 6,163,828 to *Landi et al.* in view of U.S. Patent App. No. 2003/0020814 by *Ono* and in view of U.S. Patent App. No. 2001/0013131 by *Wang*. Applicant traverses this rejection.

Claims 2-3 depend from independent claim 1; claims 9-10 depend from independent claim 8; and claims 16-17 depend from independent claim 15. Because independent claims 1, 8 and 15 are currently in a position for allowance, claims 2-3, 9-10 and 16-17 are also allowable as being dependent from an allowable base claim. *Ono* and *Wang* do not singly, or in combination, disclose or suggest the claimed invention as amended herein. Therefore, claims 2-3, 9-10, and 16-17 are allowable over *Landi* in view of *Ono* and *Wang*.

2. The Examiner has rejected claims 6, 13 and 20 under 35 U.S.C. § 103(a) as unpatentable over U.S. Patent No. 6,163,828 to *Landi et al.* in view of U.S. Patent App. No. 2003/0020814 by *Ono*. Applicant traverses this rejection.

Claims 6, 13, and 20 depend from independent claims 1, 8, and 15, respectively. Independent claims 1, 8, and 15 have been amended to more clearly describe Applicant's invention and are now in a position for allowance. Because claims 6, 13, and 20 each depend from an allowable base claim, claims 6, 13, and 20 are also allowable. Neither *Landi* nor *Ono* teach or suggest the claimed invention as amended herein. Therefore, claims 6, 13, and 20 are allowable over *Landi* in view of *Ono*.

3. The Examiner has rejected claims 7, 14 and 21 under 35 U.S.C. § 103(a) as unpatentable over U.S. Patent No. 6,163,828 to *Landi et al.* in view of U.S. Patent App. No. 2003/0020814 by *Ono*. Applicant traverses this rejection.

Claims 7, 14, and 21 depend from claims 1, 8, and 15, respectively. Neither *Landi et al.* nor *Ono* disclose or suggest the claimed invention as amended herein.

***Conclusion***

In view of the amendments and arguments set forth above, Applicant submits that the present application is in condition for allowance and would appreciate early notification of the same.

***Invitation for a telephone interview***

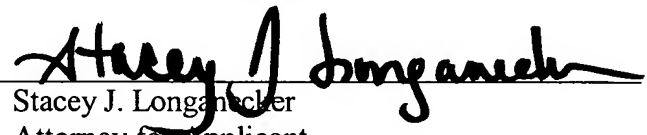
The Examiner is invited to call the undersigned at (202) 530-7370 if further issues remain with allowance of this case.

***Deposit Account Authorization***

Although no fee is believed due by submission of this paper, authorization is hereby made to charge any fees due or outstanding, or credit any overpayment, to Deposit Account No. 18-2220 (Order No. 45533).

Respectfully Submitted,

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